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Approved For Release 2003/04/29 : CIA-RDP84-00780R000100060037-4

DD/S

FILE

JAN 2-2 (EDP)

28 JAN 1966

MEMORANDUM FOR THE RECORD

SUBJECT: Materiel Resources System Concept

1. On 18 January 1966 a meeting was held in the DD/S Conference Room to discuss progress of the Materiel Resources System Study and to present a concept of a new system with target dates for its design and implementation.

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2. Last August it was agreed that the Support System Group should proceed with a study directed toward the development of an integrated system incorporating procurement, supply, transportation, and financial functions related to materiel management with a target date for implementation set for early 1967. After studying the problem in somewhat greater detail, the Office of Computer Services informed us that if they were to be ready to implement the Materiel Resources System by January of 1967 it would be necessary for the Support System Group to have completed its part of the study by January 1966. We estimated, in turn, that we would need 12 people full time immediately (last August) if we were to come anywhere near meeting that date. Beginning about Labor Day we had six people assigned to the project full time. About the middle of September, one more was added and the eighth joined the group about 4 November. One of these continues to spend about half his time maintaining ongoing Logistics computer systems.

3. The first two or three weeks of any individual assignment are taken up with getting him acquainted with the magnitude of the problem and in learning how to perform specific tasks. We have also found it necessary and desirable to enroll people in some formal training and have arranged for nearly all members of the team to participate in at least one training course. In addition, we have arranged for all three teams to take a programmed instruction course in IBM 1401 programming beginning Monday, 24 January 1966. After that we plan to enroll one or two at a time in IBM 1410 or 7010 programming and follow that with some training in the IBM System 360. We have made several trips and plan several more during the course of the next few weeks. Among other things, we learned that the Defense Supply Agency in Philadelphia began the development of their

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present system in 1960. They have 450 people working on it and still have not reached all of the objectives originally set for the system. Beginning about October 1964 they began to redesign their system and devoted 750 man months to the development of system specifications and invitations to bid. They had a target date for implementation of the SAMM System set for 1 July 1966 but this has slipped some number of months.

25X1 4. [ ] Captain of the Materiel Resources Team, described at some length the system concept recommended by the Support System Group for approval in principle. It was emphasized that we are presenting only a concept and seeking approval in principle to proceed with a system design within this general framework, realizing that there will be many specifics which may require modification in order to suit the particular needs and requirements of given sets of circumstances. The conceptual system proposed would initially encompass the continental U.S. and eventually include world-wide supply management operations. It is based upon an on-line, real-time, direct-access, remote station capability directly connecting the various depots in the United States, the Office of Logistics in the Washington area, and the central OCS computer facility at Headquarters through the Office of Communications data transmission network and switching devices to be installed. The system as proposed would automate or semi-automate the following functions of the Office of Logistics and each would in fact be a subsystem:

- a. Cataloguing
- b. Catalogue research
- c. Stock management
- d. Requisitioning
- e. Procurement
- f. Shipping
- g. Receiving
- h. Discrepancy reporting
- i. Financial accounting

25X1 Mr. [ ] presented schematic flow charts of each of the subsystems and described generally how we would expect them to work.

25X1 5. It was estimated that the system design to be completed by the Support  
25X1 System Group in keeping with this concept could be ready by October or November  
25X1 of this year for the Office of Computer Services to begin computer system design  
and programming which would probably require another 12 to 15 months. In this  
time frame, the system should be ready for implementation about coincident with  
the availability of the System 360/67 hardware early in 1968. In a sense, these

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can be considered to be median dates. The Office of Computer Services is planning to enter three consultants on duty late this month or early in February and will supplement them with three staff employees to be assigned full time to this project. Other contractors and staff employees will be added as we progress and their services are required. Taking advantage of the availability of these people, we believe that if we start with the cataloguing subsystem, for example, it may be possible for us to begin computer system design and programming sometime before October and begin the implementation of the catalogue subsystem sometime during 1967 on the System 360/65.

6. In general, the concept as presented was accepted and approved in principle by those present with the understanding that some features may require adaptation and modification in the development of a precise system design as we begin to work closely with the components concerned with the performance of the several functions. However, the objectives have been established and agreed upon and Mr. Bannerman instructed Mr. Meloon and Mr. [ ] to begin the education, training, and preparation of the people to make the transition to new systems within the kind of highly formatted and disciplined atmosphere required by computer systems. He pointed out that an extensive training program will be required not only for those who are working directly in the development of the new systems but for people who will have to make the transition and operate the new systems. He suggested that they work with the Office of Training as necessary or desirable to insure that we are adequately prepared to move forward. He also instructed them to be sure they include in their budget presentations for Fiscal Year 1967 and 1968 whatever is necessary in terms of positions and money to insure that we are adequately prepared to support this project during the conversion and implementation stages. He also instructed me to insure that we coordinate our plans completely with the Office of Communications and that the Office of Communications incorporate in its program and budget presentation whatever equipment, research and development, money, and personnel may be necessary to support the systems.

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Special Assistant to the  
Deputy Director for Support

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Distribution:

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CONCUR

APPROVED

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25 FEB 66  
[Redacted Signature]

Director of Logistics

[Redacted Signature]

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K. L. Bannerman

Deputy Director

for Support

15 Mar 66

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[Redacted Signature]

Director of Finance

14 MAR 1966

- \* Concur subject to the understanding that design of all financial aspects of the materiel resources system be developed through close coordination with this Office.

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## ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Materiel Resources System Concept

FROM: Special Assistant to the Deputy Director for Support		EXTENSION	NO.
			DATE 28 January 1966
TO: (Officer designation, room number, and building)	DATE	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED      FORWARDED		
1. Director of Logistics 1-C-50 Quarters I	25 FEB 1966	[Signature]	1. For your concurrence.
2. Director of Finance 1212 Key Building	3/1/66		2. For your concurrence.
3. Deputy Director for Support 7D18 Headquarters	18 Jan		3. For your approval.
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